WORLD INTELLECTUAL PROPERTY ORGANIZATION



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7: B65D 75/58, 81/32, A61M 35/00

A1

(11) International Publication Number:

WO 00/56626

(43) International Publication Date: 28 September 2000 (28.09.00)

(21) International Application Number:

PCT/US00/06984

(22) International Filing Date:

17 March 2000 (17.03.00)

(30) Priority Data:

99870052.0

19 March 1999 (19.03.99)

EP

(71) Applicant (for all designated States except US): THE PROC-TER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): BECHMANN, Georg, Rudolf, Theobakd [DE/BE]; Clos St. Georges 5, B-1970 Wezembeek-Oppem (BE). DEFLANDER, Joseph, Fernand [BE/BE]; Elleveldweg 28, B-3150 Wespelaar (BE). ROGERS, Neil, John [GB/BE]; Lenteklokjeslaan 1, B-1020 Brussel (BE).
- (74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) Designated States: AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), DM, EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: AN ARTICLE COMPRISING A CELL SYSTEM

(57) Abstract

The present invention is directed to a cell system (10) comprising at least one burstable cell (11) filled with an active composition, the cell system being characterized in that each of said at least one cell comprises at least one easy opening means (30). Preferably, the cell system is associated with a dispersing element (12), such as for example a fibrous pad, or cotton pad. Preferably, the force required to burst the cells is comprised within the range 10 to 80 N. More preferably, said at least one cell is made out of a material through which less than 10 % product is lost per year at 35 °C/20 % RH, and more preferably, said material is a laminate comprising at least one layer of aluminium. In one most preferred embodiment, the cells are provided with an easy opening means.

